LEON VALLEY
TEXAS
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2013-01 - LEON VALLEY PUBLIC LIBRARY CHILDREN'S WING

ADDENDUM #2

1. There is a reference to Alt 2 on the exterior concrete slab outside the building foot print.

   - See notes referencing structural engineers drawings

2. A canopy on the front of the building is shown on the structural not the Architectural. Please clarify.

   - See notes referencing structural engineers drawings

3. A mezzanine loft is shown structurally; however, please provide additional information as to where this is to go etc?

   - See notes referencing structural engineers drawings

Referencing the Structural Engineers Drawings

Sheet S1.1
- Pre-engineered canopy at North facade of roof framing plan has been omitted from scope of work.
- Alt. No. 1 – Support structure for alternate has been omitted from scope of work.
- Loft framing plan – Loft has been omitted from scope of work.
- Concrete footers at pre-engineered canopy at North facade of foundation plan has been omitted from scope of work.
- Alt. No. 2 – Concrete pad at North wall has been omitted from scope of work.
- Alt. No. 2 – Concrete pads at South wall have been omitted from scope of work.

Sheet S2.1
- Sections #10 & #11 have been omitted from scope of work.

Sheet S2.2
- Section1 #1 has been omitted from scope of work.

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ADDENDUM #2

4. On the Civil Plans there is a notation that says "Landscape by City of Leon Valley". Does this mean that Leon Valley will perform the landscaping or as directed by Leon Valley?

   - Contractor is responsible for required demolition site work Including but not limited to removal of existing curb and grading for preparation of construction. City of Leon Valley will provide new landscaping, irrigation, asphalt parking and curb at new location.

5. Exterior building sheeting provided as 1/2 Dense-deck with Ice/Water shield wrap at exterior. Can we provide Tyvek Wrap or approved equal on the proposal or as an approved alternate?

   - If an equal substitution would like to be used in lieu of specified dense-deck product. Please provide Architect with specification of substituted product and all products related to the installation of substitution for approval. Examples being Tyvek, ZIP System or equal products.

6. On the wall protruding from the building on the left side of the detail does not have a cut section. Could you advise on how this is to be constructed and if the wall will need to be reinforced with Tube Steel (If constructed using light gauge materials).

   - Coordinate with metal building company to provide a beam to reinforce light gauge metal stud wall. Beam to attach to column at Structural grid C1.

7. RFI: Specs 09300-1 have porcelain tile in restrooms 12" x 12" and it mentions consult Architect for Color See Allowances. I looked under allowances and there is no mention of porcelain tile, there is for carpet tile but not porcelain tile.

   - Tile in restrooms shall be 1/8"x12"x12" commercial vinyl tile, Armstrong tile or equal. Allow $0.75/sq.ft. for materials.

8. Request for soils report.

   - See attached soils test report.

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ADDENDUM #2

9. Request for Hollow Metal Specifications.

- See attached 08111-Steel Doors and Frames specification.

Vendors are required to acknowledge this Addendum #2 on the PROPOSAL FORM page PF-1.

RHONDA HEWITT

Rhonda Hewitt
Purchasing Agent

Geotechnical Solutions

(TBPE #F-11536)

October 16, 2012
Report No. GS12-168-S (Page 1 of 2)

LEON VALLEY LIBRARY ADDITION
c/o Mr. Jeremy Kreusel, Project Manager
Richard Mogas & Associates Architects
317 Lexington Avenue, Suite 4
San Antonio, TX 78215

Subject: Supplement Geotechnical Services
Leon Valley Library @ 6425 Evers
Proposed One-story, 4760 Sq. Ft. Library Addition
Leon Valley, Texas

Introduction

Mr. Kreusel:

Pursuant to your request, Geotechnical Solutions has completed supplement geotechnical services for the proposed subject project. Our findings and geotechnical recommendations detailed in this report were based on the analysis of our field exploration and the laboratory data.

Additional Soil Borings

On Oct. 15, 2012, two (2) borings (B-3 and B-4) were performed at the locations illustrated on the attached boring location plan. Groundwater was not encountered and the borings were terminated at the depths of 4.2 and 3.7 feet, respectively, due to encountering very dense gravel conditions. Gravelly clay FILL soil was encountered at both locations.

Summary of Fill Soil Characteristics

Based on observations during the field exploration, the fill soil in the upper two feet is in a relatively dense condition and in a dense to very dense condition in the lower 2 to 4 feet interval. Based on the laboratory results, the fill consists of approximately 35 to 60 percent fine and coarse size gravel and brown to light brown, silty clay fines. Of course, the distribution/soil-particle arrangement will vary from location to location. The Atterberg Limits (PI's) ranged from **28 to 39**.

Conclusions

Based on our findings, the design and building pad preparation recommendations stated in our original report may be utilized provided that a minimum of 2 feet of existing soil is replaced with granular select fill having a maximum PI of 22 and that the Proofrolling test and moisture-conditioning of the subgrade pad is directed by a representative of Geotechnical Solutions.

We appreciate the opportunity to be of service.

Alan J. Vasquez
Geotechnical Consultant

Clarence E. Hall Jr., P.E.
Senior Engineering Consultant
12/16/12

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Boring B-3 Boring B-4

GS Report No.: GS12-168-S

SECTION 08111

STANDARD STEEL DOORS AND FRAMES

PREFACE

The general provisions of the Contract, including the conditions of the Contract (General, Supplementary and other Conditions) and Division 1, as appropriate, apply to the Work specified in this section.

1.0 SCOPE

1.1 This Section includes the following products manufactured in accordance with SDI Recommended Standards:

A. Extent of standard steel doors and frames is indicated and scheduled on drawings.

B. Door hardware is specified in another Division 8.

1.2 Submittals

A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.

B. Product data for each type of door and frame specified, including details of construction, materials dimensions, hardware preparation, core, label compliance, sound ratings, profiles and finishes.

C. Shop Drawings showing fabrication and installation of standard steel doors and frames. Include details of each frame type, elevations of door design types, conditions at openings, details of construction, location and installation requirements of door and frame hardware and reinforcements, and details of joints and connections. Show anchorage and accessory items.

1. Provide schedule of doors and frames using same reference numbers for details and openings as those on contract drawings.

2. Indicate coordinate of glazing frames and stops with glass and glazing

requirements.

D. Samples for initial selection purposes in form of manufacturer's color charts showing full range of colors available for factory finished doors and frames.

E. Label Construction Certification: For door assembles required to be fire-rated and exceeding limitations of labeled assemblies, submit manufacturer's certification that each door and frame assembly has been constructed to conform to design, materials and construction equivalent to requirements for labeled construction.

1.3 Quality Assurance

A. Provide doors and frames complying with Steel Doors Institute "Recommended Specifications Standard Steel Doors and Frames" ANSI/SDI-100 and as herein specified.

B. Fire Rated Door Assemblies: Units that comply with NFPA 80, are identical to door and frame assemblies whose fire resistance characteristics have been determined per ASTM E 152 and which are labeled and listed by UL, Factory Mutual, Warnock Hersey, or other testing and inspecting organization acceptable to authorities having jurisdiction.

1.4 Delivery, Storage and Handling

A. Deliver doors and frames cardboard-wrapped or crated to provide protection during transit and job storage. Provide additional protection to prevent damage to finish of factory-finished doors and frames.

B. Inspect doors and frames upon delivery for damage. Minor damages may be repaired provided refinished items are equal in all respects to new work and acceptable to Architect; otherwise, remove and replace damaged items as directed.

C. Store doors and frames at building site under cover. Place units on minimum 4-inch high wood blocking. Avoid use of non-vented plastic or canvas shelters which could create humidity chamber. If cardboard wrapper on door becomes wet, remove carton immediately. Provide ¼-inches spaces between stacked doors to promote air circulation.

2.0 PRODUCTS

2.1 Acceptable Manufacturers

A. Available manufacturers: Subject to compliance with requirements, manufacturers offering standard steel doors and frames which may be incorporated in the work include; but are not limited to the following:

Standard Steel Doors and Frames

Amweld Building Products, Inc.
Ceco Corp.
Copco Door Co.
Curries Company
Deansteel Manufacturing Co.
Fenestra Corp.
Kewanee Corp
Mesker Door Co.
Pioneer Industries
Premier Products, Inc. (Formerly Dittco)
Republic Builders Products
Steelcraft Manufacturing Co.

2.2 Materials

A. Hot Rolled Steel Sheets and Strip: Commercial quality carbon steel, pickled and oiled, complying with ASTM A 569 and ASTM A 568.

B. Cold Rolled Steel Sheets: Commercial quality carbon steel, complying with ASTM A 366 and ASTM A 568.

C. Galvanized Steel Sheets: Zinc-coated carbon steel sheets of commercial quality, complying with ASTM A 526, or drawing quality, ASTM A 642, hot dipped galvanized in accordance with ASTM A 525, with A60 or G60 coating designation, mill phosphatized.

D. Supports and Anchors: Fabricate of not less than 18-gage sheet steel; galvanized where used with galvanized frames.

E. Inserts, Bolts and Fasteners: Manufacturer's standard units. Where items are to be built into exterior walls, hot dip galvanize in compliance with ASTM A 153, Class C or D as applicable.

F. Shop Applied Paint: Apply after fabrication.

G. Primer: Rust-inhibitive enamel or paint, either air drying or baking, suitable

as a base for specified finish paints complying with ANSI A224.1, "Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames."

2.3 Fabrication

A. Fabricate steel door and frame units to be rigid, neat in appearance and free from defects, warp or buckle. Wherever practicable, fit and assemble units in manufacturer's plant. Clearly identify work that cannot be permanently factory-assembled before shipment, to assure proper assembly at project site. Comply with ANSI/`sdI-100 requirements

Exterior Doors: SDI-100, Grade III, extra heavy-duty, Model Z, minimum 16 gage faces with R-10 polyurethane core.

B. Fabricate exposed faces of doors and panels, including stiles and rails of nonflush units, from only cold rolled steel.

C. Fabricate frames, concealed stiffeners, reinforcement, edge channels, louvers and moldings from either cold-rolled or hot-rolled steel. (14 gage).

D. Fabricate exterior doors, panels, and frames from galvanized sheet steel in accordance with SDI-112. Close top and bottom edges of exterior doors as integral part of door construction or by addition of minimum 16 gage inverted steel channels. Insulate with R-10 polyurethane core.

E. Exposed Fasteners: Unless otherwise indicated, provide countersunk flat or oval heads for exposed screws and bolts.

F. Hardware Preparation: Prepare doors and frames to receive mortised and concealed hardware in accordance with final door Hardware Schedule and templates provided by hardware supplier. Comply with applicable requirements of ANSI A115 Series Specifications for door and frame preparation for hardware.

G. Locate hardware as indicated on final shop drawings or, if not indicated, in accordance with "Recommended Locations for Builder Hardware on Standard Steel Doors and Frames," published by Door and Hardware Institute.

H. Shop Painting: Clean, treat and paint exposed surfaces of steel door and frame units, including galvanized surfaces.

I. Clean steel surfaces of mill scale, rust, oil, grease, dirt and other foreign materials before application of paint.

J. Apply shop coat of prime paint of even consistency to provide a uniformly finished surface ready to receive finish paint.

K. Apply finish coat to doors indicated to be prefinished by spraying and baking, to produce a paint thickness of 1.25 mils.

2.3 Standard Steel Doors:

A. Provide metal doors of types and styles indicated on drawings or schedules.

2.4 Standard Steel Frames:

A. Provide metal frames for doors, transoms, sidelights, borrowed lights and other openings, of types and styles as shown on drawings and schedules, conceal fastenings, unless otherwise indicated. Fabricate frames of minimum 16-gage cold-rolled furniture steel.

Fabricate frames with mitered and welded corners.

Form exterior frames of hot dip galvanized steel.

B. Door Silencers: Except on weather-stripped frames, drill stops to receive 3 silencers on strike jambs of single-swing frames and 2 silencers on heads of double-swing frames.

C. Plaster Guards: Provide 26 gage steel plaster guards or mortar boxes, welded to frame at back of finish hardware cutouts where mortar or other materials might obstruct hardware operation and to close off interior of openings.

3.0 EXECUTION

3.1 Installation

A. General: Install standard steel doors, frames, and accessories in accordance with final shop drawings, manufacturer's data, and as herein specified.

B. Placing Frames: Comply with provisions of SDI-105 "Recommended Erection Instructions For Steel Frames." Unless otherwise indicated.

Except for frames located at existing concrete, masonry or drywall installations, place frames prior to construction of enclosing walls and ceilings. Set frames accurately in position plumbed aligned and braced securely until permanent anchors are set. After wall construction is completed, remove temporary braces and spreaders leaving surfaces smooth and undamaged.

C. In masonry construction, locate 3-wall anchor per jamb adjacent to hinge location on hinge jamb and at corresponding heights on strike jamb. Acceptable anchors include masonry wire anchors and masonry Tee anchors.

D. At existing concrete or masonry construction provide 3 completed opening anchors per jamb adjacent to hinge location on hinge jamb and at corresponding heights on strike jamb, set frames at secure to adjacent construction with bolts and masonry anchorage devices.

E. Install fire rated frames in accordance with NFPA Standard No 80.

F. In metal stud partitions, install at least 3 wall anchors per jamb at hinge and strike levels. In closed steel stud partitions, attach wall anchors to studs with screws.

G. In place drywall partitions install knock down slip on drywall frames.

H. Door Installation: Fit hollow metal doors accurately in frames, within clearances specified in ANSI/SDI-100.

I. Install fire rated doors with clearances as specified in NFPA Standard No. 80.

3.2 Adjust and Clean

A. Prime Coat Touch-up: Immediately after erection, sand smooth any rusted or damaged areas of prime coat and apply touch-up of compatible air drying primer.

B. Protection Removal: Immediately prior to final inspection, remove protective plastic wrappings from prefinished doors.

C. Final Adjustments: Check and readjust operating hardware items, leaving steel doors and frames undamaged and in complete and proper operating condition.

END OF SECTION